

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): ~~A method for automated remote monitoring and data entry for livestock management, capable of monitoring individual animals on an open range, within a corral and/or feedlot with a method and system for livestock data collection comprising:~~

~~an integrated system of hardware and software with a means to automatically collects and organizes individual animal livestock data from an active electronic identification tag via a satellite relay device to a collection hub that provides for electronic re-distribution globally over the Internet or a private network; and~~

~~an individual animal radio frequency identification device code, visual numeric code label and satellite transmitter device code, wherein said numeric code label and radio frequency identification device codes are correlated with a particular individual satellite transmitter device code such that one individual animal is uniquely identified by said numeric device in the software data collection system;~~

~~said individual animal radio frequency identification device that collects at least one data record containing characteristics specific to the individual animal and these specifics are relayed by satellite to the network hub and stored in the software's electronic data record for the individual animal; with~~

~~said data record having the a method of being appended by semi-automatic or manual means~~

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~~from remote locations connected to the information server over a public network.~~

A method of monitoring a livestock animal via a relay satellite, the method comprising
the steps of:

attaching a radio frequency identification device (RFID) system to the livestock animal;
obtaining by the RFID system specific data on the livestock animal;
transmitting by the RFID system the specific data to the relay satellite;
relaying the specific data from the relay satellite to a network hub communicating with a
data server; and
storing the specific data in the data server.

Claim 2 (currently amended): ~~A means of Claim 1 of providing information collection via a software and hardware system to permit automatically polled data entry of information related to an individual or group of animals into an integrated information collection system for livestock management, the software system comprising;~~

~~automated periodic scheduled polling of animal electronic tag for collection of animal~~

~~location and applicable biometric information via satellite relay communications link,~~
~~and~~

~~generating an electronic data record and at least one electronic code record for each animal to~~
~~be registered at a livestock producer location,~~

~~a group of information electronic worksheets for recording characteristics common to an~~
~~individual or group of animals updated automatically from collection of data and made~~

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~~available over the network to the livestock producer and other entities;~~
~~allowing a publicly networked access device to at least one numeric code, wherein said numeric code is correlated with a particular individual animal radio frequency identification device such that one individual animal is uniquely identified by both said numeric code radio frequency identification device and said radio transmitter identification code; and~~
~~providing the capability to automatically notify the registered livestock representative by a publicly networked access device such as electronic mail, pager text display, personal data assistant device display, or by phone if a critical parameter being monitored such as animal temperature, animal location, or range grazing level is outside a defined limit.~~

The method of monitoring a livestock animal of claim 1 further comprising the step of obtaining the specific data from the data server.

Claim 11 (added): The method of monitoring a livestock animal of claim 2 wherein the step of obtaining the specific data from the data server includes accessing the data server via a public network.

Claim 12 (added): The method of monitoring a livestock animal of claim 1 wherein the step of transmitting the specific data to the relay satellite includes automatically transmitting the specific data at a predetermined time period.

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Claim 13 (added): The method of monitoring a livestock animal of claim 1 wherein:
the RFID system includes a locating device for obtaining the location of the livestock animal; and
the specific data includes the location of the livestock animal.

Claim 14 (added): The method of monitoring a livestock animal of claim 1 wherein the step of obtaining by the RFID system specific data on the livestock animal includes obtaining biometric readings of the livestock animal from a biometric detector.

Claim 15 (added): The method of monitoring a livestock animal of claim 1 wherein the step of attaching a radio frequency identification device (RFID) system on the livestock animal includes affixing an electronic identification tag to the livestock animal, the electronic identification tag providing a unique identification number for identifying a specific livestock animal.

Claim 16 (added): The method of monitoring a livestock animal of claim 15 wherein the RFID system includes a RFID chip mounted within the electronic identification tag affixed to the livestock animal.

Claim 17 (added): The method of monitoring a livestock animal of claim 1 wherein the RFID system includes a RFID chip implanted under the skin of the livestock animal.

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Claim 18 (added): The method of monitoring a livestock animal of claim 1 wherein:
the step of transmitting by the RFID system the specific data to the relay satellite includes automatically transmitting the specific data at a set time period frequency; and
the step of storing the specific data in a data server includes the step of automatically compiling the specific data of the livestock animal with a plurality of other livestock animals.

Claim 19 (added): The method of monitoring a livestock animal of claim 1 further comprising the step of modifying the specific data by a user within the data server.

Claim 20 (added): A system for monitoring a livestock animal, the system comprising:
a radio frequency identification device (RFID) system attached to the livestock animal,
the RFID system electronically identifying the livestock animal;
means for obtaining specific information on the livestock animal; and
means for transmitting the obtained specific information of the livestock animal to a relay satellite.

Claim 21 (added): The system for monitoring a livestock animal of claim 20 further comprising:
a data server for storing and automatically compiling the obtained specific information of the livestock animal; and

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a relay satellite for relaying the transmitted specific information to the data server.

Claim 22 (added): The system for monitoring a livestock animal of claim 20 wherein the means for transmitting the obtained specific information of the livestock animal includes transmitting the obtained specific information automatically at a predetermined time period.

Claim 23 (added): The system for monitoring a livestock animal of claim 20 wherein the means for obtaining specific information on the livestock animal includes a biometric detector for detecting a biometric reading of the livestock animal.

Claim 24 (added): The system for monitoring a livestock animal of claim 20 wherein the obtained specific information stored in the data server is accessible via a public network.

Claim 25 (added): The system for monitoring a livestock animal of claim 20 wherein the RFID system includes a global positioning satellite (GPS) receiver for determining the location of the livestock animal.

Claim 26 (added): A system for monitoring a livestock animal, the system comprising:
a radio frequency identification device (RFID) system attached to the livestock animal, the RFID system electronically identifying the livestock animal and obtaining specific information on the livestock animal;

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a relay satellite;
a satellite transmitter for transmitting the obtained specific information of the livestock animal to the relay satellite; and
a data server;
whereby the relay satellite relays the transmitted specific information to the data server, the data server storing and automatically compiling the obtained specific information of the livestock animal.

Claim 27 (added): The system for monitoring a livestock animal of claim 26 wherein the RFID system includes an electronic identification tag attached to the livestock animal, the electronic identification tag providing a unique identification number for identifying a specific livestock animal, the electronic identification tag being removable from the livestock animal and reusable with a second livestock animal.

Claim 28 (added): The system for monitoring a livestock animal of claim 26 wherein the data server is accessible by a public network.